

Abstract

A valve assembly (47) of a high-pressure fuel pump (16) includes a valve element (46), disposed in a valve chamber (42), and a fluid conduit (30), adjoining the valve chamber (42) upstream. It is proposed that the fluid conduit (30) is embodied such that in at least some portions a rotation (swirl) about a longitudinal axis (40) of the fluid conduit (30) is impressed on the fluid stream that flows toward the valve chamber (42). Fig. 2